

Title (en)  
APPARATUS AND METHOD FOR REPRODUCING STORAGE MEDIUM THAT STORES METADATA FOR PROVIDING ENHANCED SEARCH FUNCTION

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR WIEDERGABE EINES SPEICHERMEDIUMS, DAS METADATEN ZUR BEREITSTELLUNG ERWEITERTER SUCHFUNKTIONEN SPEICHERT

Title (fr)  
APPAREIL ET PROCEDE DE REPRODUCTION D'UN SUPPORT DE STOCKAGE STOCKANT DES METADONNEES DESTINEES A FOURNIR UNE FONCTION DE RECHERCHE EVOLUEE

Publication  
**EP 1834331 B1 20120829 (EN)**

Application  
**EP 06702009 A 20060106**

Priority  
• KR 2006000051 W 20060106  
• KR 20050001749 A 20050107

Abstract (en)  
[origin: WO2006073276A1] An apparatus and method for reproducing a storage medium that stores metadata are provided for an enhanced search function using various search keywords of audio-visual (AV) data. The apparatus includes: a search unit for searching for scenes matching a search keyword by conducting an enhanced search function on the AV data with reference to metadata which contains information regarding at least one search keyword for each of the scenes of the AV data; and a reproducing unit for reproducing the AV data corresponding to at least one scene found by the search unit. The metadata may include information regarding an entry point and/or duration, angles, etc. of each scene. Hence, the enhanced search can be conducted using various search keywords. Further, search results can be reproduced according to diverse scenarios, and the enhanced search function can be provided for movie titles that support multiple angles or multiple paths. Moreover, metadata can be created in multiple languages, thereby enabling the enhanced search function to support multiple languages.

IPC 8 full level  
**G06F 17/30** (2006.01); **G11B 27/10** (2006.01)

CPC (source: EP KR US)  
**G11B 20/10** (2013.01 - KR); **G11B 27/105** (2013.01 - EP US); **G11B 27/329** (2013.01 - EP US); **G11B 2220/2541** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**WO 2006073276 A1 20060713**; CN 101091213 A 20071219; CN 101091213 B 20100929; CN 101099210 A 20080102; CN 101099210 B 20110615; CN 101527154 A 20090909; CN 101527154 B 20120111; CN 101556819 A 20091014; CN 101556819 B 20130206; CN 101777371 A 20100714; CN 101777371 B 20121205; CN 101800060 A 20100811; CN 101800060 B 20120822; EP 1834331 A1 20070919; EP 1834331 A4 20091230; EP 1834331 B1 20120829; EP 2234111 A2 20100929; EP 2234111 A3 20101222; EP 2234111 B1 20190501; ES 2394330 T3 20130130; HK 1110691 A1 20080718; IN 2043CHN2009 A 20151009; JP 2008527835 A 20080724; JP 2010003405 A 20100107; JP 4842971 B2 20111221; JP 4903846 B2 20120328; KR 100782810 B1 20071206; KR 20060081435 A 20060713; MX 2007008151 A 20070822; MY 139785 A 20091030; MY 146419 A 20120815; RU 2007124568 A 20090110; RU 2008151865 A 20100627; RU 2376662 C2 20091220; RU 2484544 C2 20130610; TW 200638770 A 20061101; TW I314421 B 20090901; US 2006153535 A1 20060713; US 2010202753 A1 20100812; US 2010217775 A1 20100826; US 8625960 B2 20140107; US 8630531 B2 20140114

DOCDB simple family (application)  
**KR 2006000051 W 20060106**; CN 200680001643 A 20060106; CN 200680001702 A 20060106; CN 200910127598 A 20060106; CN 200910129743 A 20060106; CN 201010003912 A 20060106; CN 201010003913 A 20060106; EP 06702009 A 20060106; EP 10169530 A 20060106; ES 06702009 T 20060106; HK 08104870 A 20080502; IN 2043CHN2009 A 20090414; JP 2007550293 A 20060106; JP 2009228034 A 20090930; KR 20050001749 A 20050107; MX 2007008151 A 20060106; MY PI20060053 A 20060106; MY PI20091115 A 20060106; RU 2007124568 A 20060106; RU 2008151865 A 20060106; TW 95100436 A 20060105; US 32549006 A 20060105; US 76545610 A 20100422; US 76551710 A 20100422